

MAGLEV



DESCRIPTION:

MAGLEV: a high-speed rail technology; the train is suspended on a magnetic cushion above a magnetized track and thus, travels free of friction and at much greater speeds than high-speed rail is capable of. It's main application is in intercity travel and longer distance intracity travel.

SERVICE:

- 36-138 persons per vehicle (one rail car)
- 288-44,060 persons per hour
- 200-360 miles per hour
- Trains up to every 90 seconds

Cost:

- \$1,431,000 per vehicle**
- \$65-\$160 million per mile to construct*
- \$1.76 per revenue mile to operate**

* Based on information on the existing system in Shanghai and proposed system in Japan

** Due to the limited existence of revenue operations and vehicle cost of this type of system, these numbers are subject to change. These numbers are based on the Vancouver Skytrain system.



Transit Planning Board
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